

### Abstract

Methods and apparatus fix relative rotation between an optical connector about an axis that runs longitudinally through the optical connector and an inspection machine. In one method, an optical connector is releasably secured to a cage member having an extending flange. The optical connector is mounted into an inspection machine by inserting the end surface of the connector into a connector receipt aperture of the machine, and orienting the optical connector with the cage member to position the extending flange within a void of a fixture on the machine. A kit including a cage member and a mounting plate are provided.